



IUID Scorecard Briefing for DUSD (A&T)

Honorable Dr. James Finley

Strategic Focus

September 4, 2008



A&T Agenda

- **Four Strategic Issues Identified:**
 1. DoDI (8320.04) Deployment Memo
 2. Increase Joint Staff engagement and visibility
 3. Approach to item traceability / property directive
 4. Accelerating legacy marking capabilities
- **Component Update / Feedback**
 - OSD Questions / Concerns
- **Action Item Reports**



DoDI 8320.04 Deployment Memo

- **AT&L Distribution Memo**
 - Informal coordination, Sep-November
 - Formal coordination, December
- **Investment Review Board Criteria Drafted**
- **Strategies for Enforcement**
 - Are additional plans necessary?
 - System of Record integrations outside of the IRB
 - AIT
 - UID
 - Property Systems
 - Request courtesy review of planned Component policies



Increase Joint Staff Engagement

- **Ensure members of Joint Staff participate in A&T Scorecard Meetings**
- **Discuss best approach to Joint Staff recognizing IUID as an enabler of traceability & operations**



Approach to Item Traceability / Property Directive

- **AT&L Property Council met Aug 27 - determined a property directive would add value**
- **Designates four property keys (need at least one, and could have all):**
 - National Stock Number (NSN)
 - Unique Item Identification (UII)
 - Type Designator
 - Manufacturer's Part Number (all else fails, need this at least)
- **Addresses national level traceability for all Government Property**
 - Tangible Personal Property
 - IUID required
 - Non-IUID required traceability (e.g. NSN, Part Number)
 - Government Furnished Property (GFP)



Accelerating Legacy Marking Capabilities

- **DUSD (L) and DUSD (A&T) exert greater influence over legacy implementation**
- **Determine:**
 1. Who are the influencing parties to drive change:
 - DLA?
 - Joint Staff?
 - Who of the Services?
 2. How can we accelerate marking capabilities?
 - Increase focus on documentation updates (e.g. Demur's)
 - Engage depot leadership to find internal ROI for IUID
 - Ensure Systems Engineering and Supportability planning include documenting IUID for legacy and new



QA Working Group

- **Re-establish Working Group to address:**
 - Marking
 - IUID Registry Data Submissions
 - Product Quality Deficiency Reporting (PQDRs)
 - Warranty Management
 - Engineering Investigation
- **Proposed meeting Oct 15, 2008**
 - Identify Component POCs by Sep 15, 2008



OSD Questions / Concerns

- **Why are so many (62%) outlying DoDAACs not delivering item Ulls (see slide 37 in back-up)?**
- **Contract Clause Compliance (see slides 17 & 31).**
 - AF performed clause audit; increased compliance by 23% to 92%
 - Army Contract Clause compliance is 41%
- **What are current resource levels per Component?**
- **What are the valuable outcomes of activities performed by Components?**



Action Items from July 18

ARMY:

- Mr. Ahern requested that Army provide any available costs for implementing the PM Soldier Weapons Good News Story. (COMPLETE)

DLA:

- DLA to provide URL or Tech Quality (TQ) Tip document to go with presentation.
- DLA to provide Strategy and Schedule for Implementation document prior to next Scorecard meeting.

OSD:

- Ms. Sumpter to provide Dr. Finley with a draft memo for Dr. Young to request his engagement in UID. (COMPLETE)
- Ms. Sumpter to follow up with SPS PMO to update logic to support Navy implementation. (COMPLETE)
- Mr. Leibrandt to set up Conference call to have AF brief on C17 Avionics Warranty Pathfinder. (SCHEDULED - SEP 24, 11-12PM EST)
- Ms. Sumpter to work with DLA to ensure the serialization for IUID is based on contractor generated data and not "blocks" of serial Numbers provided to the Contractor. (PENDING)
- Mr. Leibrandt to invite G4 and Mr. Popps to brief Dr. Finley on ground vehicle serialization in a month and brief SIM plans. (PENDING)
- Dr. Finley to call Dr. Euhler to see how SOCOM is doing on UID implementation. (PENDING)

SOCOM:

- Provide Dr. Finley the business case for Foreign Military Weapons marking. (AWAITING FINAL APPROVAL)



BACK-UP



Back-up Table of Contents

- **Component Updates**
 - Army
 - Navy
 - AF
 - SOCOM
 - DLA
- **Component Level Metrics**
 - DoD Contract Compliance Scorecard
- **National Level Traceability**
- **Draft Investment Review Board (IRB) Conditions**



Department of the Army

IUID Scorecard Update



Army Issues/Challenges

- Metrics
 - Define measures of success for actual implementation, budget requests and approval rates
- Automated Information Systems (AIS) Integration
 - Develop requirements to integrate IUID into legacy and developmental AIS
- Developing Standard Business Processes
 - Increase effectiveness, efficiency and information sharing
 - Accelerate legacy marking
 - Sustainment processes
- Interface with DoD IUID Registry
 - Define and establish an Army management control process
 - New data input
 - Sustainment data
 - Retired data
- Soldier/User Interface Issues
 - CONOPS
 - Doctrine and policy

Bottom Line ***Army IUID Integrated Process Team (IPT) Sub-IPTs***



Implementation Activities

- New Policy Issuances & Actions
 - Army Strategy in for signature, distribution planned by 8 Sep 08
 - Resourcing meeting conducted between ASA(ALT), Army G-4 and Army G-8 – 6 Aug 08
 - ASA(ALT) briefed IUID resourcing status to Army G-8
 - ASA(ALT) to provide Army G-8 implementing guidance for POM 11-15
- Plan Status
 - New Program Plans this Quarter = 0
 - Age of Pre-existing Plans
 - Less than 1 year old = 340 (73%)
 - 1-2 years old = 72 (15%)
 - More than 2 years old = 55 (12%)

467
plans



Hot Topics from July 18 Scorecard

- **IUID Investment Requirements**
 - Implementing guidance to be provided to Army G-8 for POM 11-15 by Oct 08
- **SIM Plan**
 - Draft under internal Army G-4 staffing, completion by 12 Sep 08
- **Outreach Efforts**
 - Army Website staffing, completion by 10 Oct 08

AKO Website (under development)

Good News Stories
Lessons Learned
Events/Training

Plan Repository
Current Policy
Army IUID IPT Information

LOGSA IUID Coordination Meetings

TACOM – 10 July 08 **CECOM** – 17 July 08 **AMCOM** – 14 August 08

DoD DEPOT FOCUSED IUID SNT AIT Forum – 4-8 August 08

LOGSA Implementation Plan Office & Registry Office – 20 August 08
Bottom Line – Continued Focus on Resourcing & Outreach Efforts



TACOM LCMC AIT Office Collaborative Effort with USSOCOM

- Marking Strategy Developed to Identify Marking Capability at Non Depot Sites for TACOM Managed Items
- Technical Application Program Office (TAPO)/160th Special Operations Regiment to Mark at Three Sites
 - Ft. Campbell
 - Hunter Army Air Field
 - Ft. Lewis
- Marking is opportunity based vs. scheduled
- Timeline:
 - TACOM items list developed identifying 483 items (majority are trucks, semi- trailers and dolly sets) - May 08
 - Marking begins at Ft. Campbell - July 08
 - Marking to begin at Hunter Army Air Field - Sep 08
 - Marking at Ft. Lewis - TBD
 - Completion is targeted for end of 2008

Bottom Line: 483 items will be marked & registered at completion



Army Contract Clause Compliance

- **3Q08 sampling results***
 - 41% of sampled contracts included the IUID contract clause
- **Actions**
 - DASA (P) memo issued that requires PARCs to provide Get Well Plan within 45 days - 22 July 08
 - IUID Briefing at E-Biz Army/Navy Conference - 28 July 08
 - PARC/Policy Alert # 08-34: IUID and WAWF Compliance Issues - 8 Aug 08 (issued to all PARCS to comment and provide correction action against contracts missing the IUID Clause)

Bottom ***Continue reinforcement of clause requirements***

*All contracts in the sample population were those where the IUID clause applied.



IUID Cost: New Weapon Production

- BLUF: UID cost between \$5-\$25 per weapon depending system and manufacturer
- Cost data included in PM SW Approved IUID Implementation Plan

Program	FY08	FY09	FY10	FY11	FY12	FY13
Total						
(Program M4) \$2,389k	\$694K	\$720K	\$422K	\$351K	\$113K	\$89K
(Program M9) \$428K	\$128K	\$60K	\$60K	\$60K	\$60K	\$60K
- FY08 funding for M9 includes Up front Equipment \$60K						
FY Subtotal: \$2,817k	\$822K	\$780K	\$482K	\$411K	\$173K	\$149K
\$2,817,000 (FY08 thru FY13)						
\$224,000 (FY06)*						
\$95,000 (FY07)**						
Total:	<u>\$3,136,000</u>					

- For weapons not listed above, the cost has been amortized into unit cost of weapon
- *(FY06) \$204K Funding for M240 to M240B Anniston Army Depot



IUID Cost: Depot Overhaul

- **Anniston Army Depot Initial Implementation \$204K in FY06 Funds**
 - FY06 weapons production funds were used to buy the marking carts to mark M240 to M240B production funded conversion program at ANAD
 - Efficiencies at ANAD and completion of the conversion program allowed ANAD to use the marking carts for overhaul as well
 - Included two marking carts, laser, printer, labels, training, IUID Registry Software, interface with DOD Central IUID Registry
- **IUID marking costs for weapons being overhauled estimated at \$10-\$20 per**



IUID Cost: Receiver Contracts

- **Lower receivers are authorized replacement during depot overhaul**
- **Receiver contracts modified and new receiver contracts being negotiated**
- **Cost to mark each new receiver with IUID ranges from \$5 - \$25 depending on the manufacturer and weapon**



Department of the Navy

IUID Scorecard Update



DoN Issues/Challenges

- Progress Varies Across DoN
 - DoN Life Cycle Item Identification WIPT working to develop an enterprise strategy, consistent business rules/processes, and communication plan
- Technical Data/Engineering Analysis
 - Determine impact to Form/Fit/Function of Safety of Flight and Critical Subcomponents prior to physical marking
- Schedule
 - Immediately identify/mark “low hanging fruit”
 - Develop post production marking capability for legacy equipment
 - Identify opportunities to mark legacy equipment at times/locations other than during depot maintenance
 - Develop strategy/timeline to mark items with long maintenance cycle
- Resources
 - Funding will continue to be a challenge until POM process catches up
 - Minimize man-hours required by automating, where feasible, and developing smart processes/practices

Bottom Line

No Quick Solution



Implementation Activities

- New Policy/Guidance Issuances:
 - IUID SECNAVINST in informal coordination/review
 - Drafting ASN(RDA) memo endorsing 14 Mar 08 AT&L memo "Policy for IUID of Tangible Personal Property - Oversight of IUID Implementation Planning and Execution"
 - Added IUID clause to Navy Standard Procurement System Integrity Tool
 - Warns of errors where IUID clause should apply to supply contracts
 - Relates contract modifications to base contract to ensure IUID clause inclusion
 - Navy & Marine Corps Acquisition Regulation Supplement (NMCARS) 5211.274-2 issued requiring copy of exceptions also be submitted to DASN (A&LM)
 - Incorporated IUID reviews in quarterly Procurement Performance Management Assessment Program (PPMAP) process
- Plan Status:
 - New Program Plans this Quarter: 0
 - Age of Pre-existing Plans
 - 1 year old or less: 48% (151)
 - 1-2 years old: 17% (54)
 - More than 2 years old: 35% (109)

Bottom Line

No Changes from previous update



Hot Topics from 18 Jul Scorecard

- Collaborating on Navy-developed GOTS IUID Tools
 - Quick Compliance Tool Suite (QCTS)
 - Joint Asset Maintenance Integrated Support System (JAMISS)
 - IUID Registry Gateway Services
 - Marine Corps Accountability Tool & Inventory Control System (MCATICS)
 - Depot IUID Web Application
- Determination & Finding (D&F) process mapping / gap analysis being conducted
- SIM Planning
 - Draft overarching DoN SIM Plan developed
 - Initial review completed by OSD
 - Revision in-progress
 - Goal for completion: Jan 2009
- Outreach Efforts
 - Contracting Community: DAU webcast focused on education and addressing specific questions
 - DoN IUID Workshop: 2-day conference planned in Nov 08

Bottom Line

DoN Standardizing IUID Processes



Quick Compliance Tool Suite

- Non-Intrusive Front End
 - Does not require rewriting existing software
 - Government-owned
 - Web-based
 - Module configuration
 - Compatible with variety of scanners/equipment
-
- Current Capabilities:
 1. IUID Registry Lookup
 - How do I determine if an item is already REGISTERED in the IUID Registry?
 2. IUID Parser
 - How do I know what DATA is in the IUID 2-D Data Matrix?
 3. IUID Compliance Test
 - How do I know that the IUID Data Matrix is VALID and in the correct construct?
 4. IUID Generate
 - How do I CREATE a 2-D Data Matrix?
 5. IUID Register Item
 - How do I REGISTER an item in the IUID Registry?
 6. IUID Item Marking
 - How do I REGISTER and UNMARKED item?

**NOT unique to
DoN activities**

Developed by Applied Enterprise Solutions

Bottom Line **Simplifies and Expedites IUID Compliance**



Air Force

IUID Scorecard Update



Air Force Issues/Challenges

- Marking Schedule
 - Opportunistic marking approach of existing systems puts asset meeting criteria by 31 Dec 2010 at risk
 - Items with long maintenance cycles and low demand may not be physically marked
 - Part Marking Pathfinder assesses process to mitigate issue and reduce population of unmarked items
- Depot Implementation
 - Implementation at depots hampered by lack of funding for engineering analysis for aircraft sub-components
 - Requires more scrutiny to changes that may affect form/fit/function of a critical sub-component

Bottom Line **Challenges Remain in Marking & Implementation**



Implementation Activities

- **New Policy Issuances**

- AFPD 63-1/20-1 in final Coordination for Publishing
- AFI 63-101 & AFPAM 63-128 in coordination and expected to be released Summer 2008

- **Plan Status**

- New Program Plans this Quarter - 8
- Age of Pre-existing Plans
 - 40 plans (46%) 1 year old or less
 - 3 plans (3%) 1-2 years old
 - 45 plans (51%) More than 2 years old

Bottom Line

Need to Review and Update Plans



Hot Topics from Apr 3 Scorecard

- **IUID Investment Requirements**
 - Non-recurring engineering - SNT/IUID PMO is continuing to refine an NRE estimate for legacy items
 - Marking - SNT/IUID PMO is researching cost of the various methods of marking
- **SIM Planning**
 - AF AIT Strategic Plan, approved
 - AF AIT AV-1, approved
 - AF Serialized Item Management (SIM) plan, approved
- **Outreach Efforts**
 - Recurring AF AIT Program Reviews / Forums (8 Aug)
 - AF SIM/AIT Community of Practice (CoP)
 - Change Management Plan, in initial preparation



AF Warranty Tracking Pathfinder

- Purpose
 - Identify and create warranty tracking processes, within a small population of assets
 - Demonstrate a repeatable process to alert serial number specific warranty status to techs
 - Validate Return on Investment (ROI) by reducing repair costs and increasing warranty use
 - Develop DoD Working Group to promote information crossflow and DoD expansion strategies
 - Recommend business rules to support the AF logistics transformation to ECSS that utilize IUID to avoid invalidating warranties at the point of maintenance and/or supply disposition
- Enabling Capabilities
 - Utilizes a web-based information server to track and alert item specific warranty information
- Test Period
 - Duration of one year (Feb 08 – Feb 09)
 - Key players: McChord AFB, Charleston AFB, and Grand Forks AFB
 - Mixed asset population of C-17 avionics, warranted and non-warranted assets
- Results
 - 100% warranty verification of every asset within pathfinder scope
 - Recent initiation of testing has already resulted in thousands of dollars in savings

Next Step ...

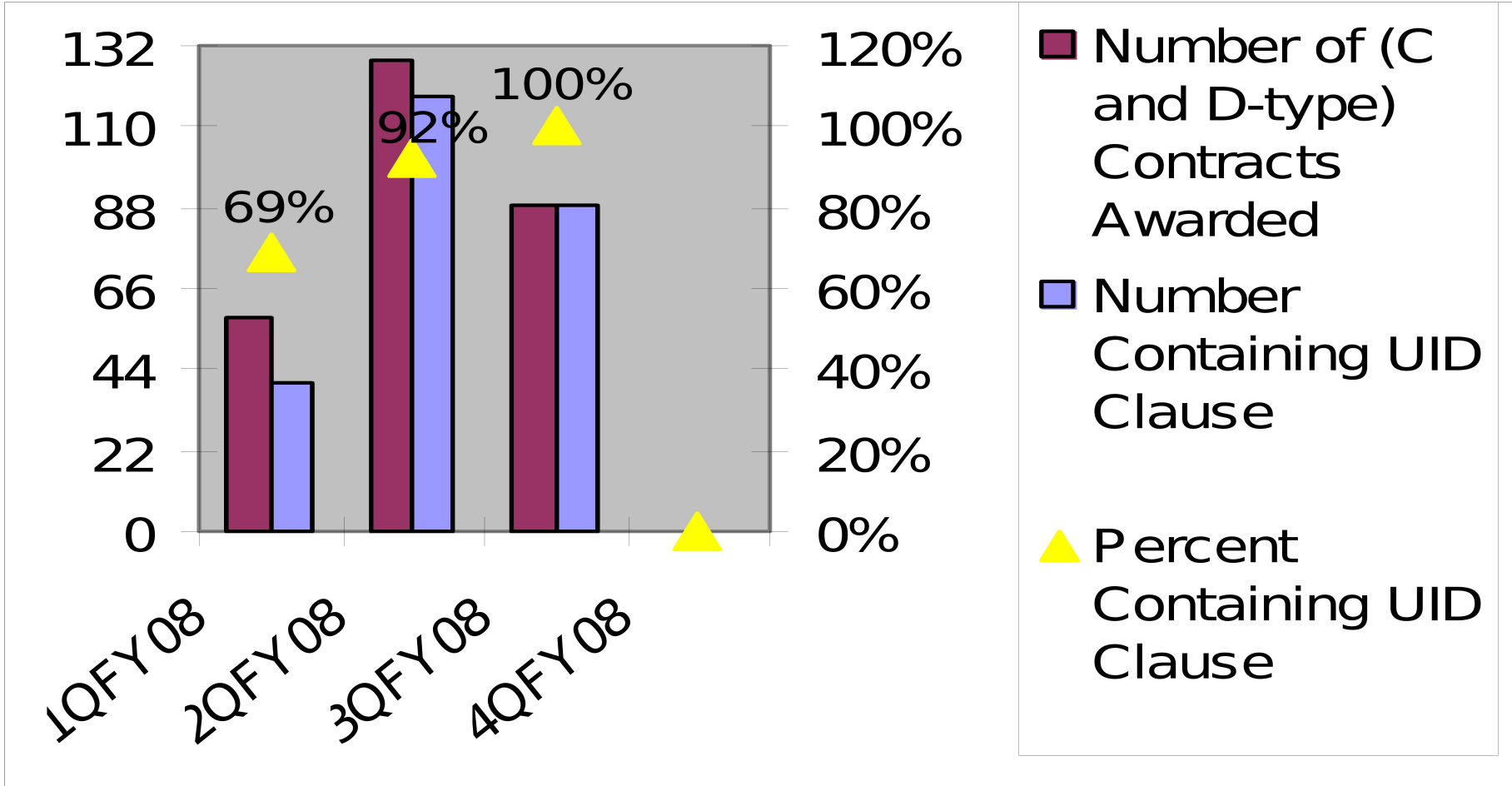
- Increase volume of items included in the pathfinder , current asset population totals 2000 parts

Bottom Line

The Air Force is Demonstrating the Value of SNT/IUID



AF Audit of Contract Clause Compliance



Awards, modifications, and orders for supplies meeting IUID threshold of Unit Price
>= \$5K

Bottom Line **Contract Compliance Improving ... Up 23%**



U.S. Special Operations Command

IUID Scorecard Update



USSOCOM UID ISSUES & CHALLENGES

- RESOURCES
 - Lack of O&M funding impedes progress.
 - PEO's have made input to obtain funding in the POM years. If not approved they will be unable to comply by deadline
 - Manpower slots to conduct analysis, research, integration, and reengineering of business processes to collect and utilize the UII of MFP-11 assets
- INTER-SERVICE PARTNERING: RISK OF COMPETING POLICY, PROCESS, AND TECHNOLOGY
 - Reliance on Services
 - to ensure UID compliance of service common assets (A/C, Vehicles, Weapons)
 - modify supporting AIT/AIS to capture IUID data
- CHANGING PERSPECTIVE: **"Asset Accountability" vs "Asset Life Cycle Management"** **Develop a workforce of Life Cycle Managers that will track and trace assets through life utilizing the UII.**

BOTTOM LINE -

STATUS UNCHANGED SINCE LAST UPDATE



IMPLEMENTATION ACTIVITY

USSOCOM POLICY UPDATES: Reviewing DoDI 8320.04 requirements and updating SOCOM Implementation Roadmap for compliance with DoD requirements

CURRENT INITIATIVES:

- **PEO-SOF Warrior - Foreign Military Weapons Program:**
 - 232K requested via UFR process for weapons marking/registration
 - 70K approved and provided by USSOCOM AE for Arms Room Automation
- **PEO-Fixed Wing - Unmanned Aircraft Systems (UAS) Program:**
 - USSOCOM PEO-FW logistics working with J7 to formalize requirement and acquire funding
- **PEO-Special Programs - Special Mission Unit:**
 - UID marking equipment in place/training underway

BOTTOM LINE

Actively managing projects to advance the cause and promise o



• IUID INVESTMENT REQUIREMENTS

	FY10	FY11	FY12	
PROGRAM MANAGEMENT AND AIS/AIT CAPABILITY	\$3,900,000	\$3,982,000	\$3,965,000	
IUID PROJECT MANAGEMENT	\$270,000	\$280,000	\$290,000	
IUID CONTRACTOR SUPPORT TO SERVICE COMPONENTS	\$405,000	\$420,000	\$435,000	
TECHNICAL SUPPORT FOR DATA ANALYSIS OF MARKING LOCATIONS, IDENTIFICATION OF PARTS, & DETERMINATION OF MARKING METHODS	\$225,000	\$232,000	\$240,000	
DEVELOP NET-CENTRIC IUID INFORMATION MANAGEMENT SYSTEM WHICH INCLUDES THE MEANS TO COLLECT THE IUID, INTEGRATE IUI INTO NEW AND EXISTING USSOCOM AIS INFRASTRUCTURE, & ORGANIC MARKING CAPABILITY	\$3,000,000	\$3,000,000	\$3,000,000	
PROGRAM ASSET IDENTIFICATION, MARKING & REGISTERING	\$6,467,000	\$6,467,000	\$6,467,000	
PEO RESOURCE ALLOCATION (BASED ON POM REQUIREMENT)				
PEO-SP	\$0	\$0	\$0	
PEO-SW	\$1,072,000	\$1,072,000	\$1,072,000	
PEO-FW	\$1,705,000	\$1,705,000	\$1,705,000	
PEO-RW	\$460,000	\$460,000	\$460,000	
PEO-IIS	\$1,000,000	\$1,000,000	\$1,000,000	
PEO-NS	\$2,230,000	\$2,230,000	\$2,230,000	
PEO-PT	\$0	\$0	\$0	
SOAL-T	\$0	\$0	\$0	
USSOCOM PEO/PM ASSET MARKING ACTIVITIES:				
IDENTIFY ACQUISITION PROGRAM LEGACY ASSET POPULATIONS (IN-STORAGE, IN-USE, DEPLOYED, IN-REPAIR)				
IDENTIFY MFP 11 FUNDED CONTROLLED INVENTORY, DOD SERIALLY MANAGED AND MISSION ESSENTIAL ASSETS				
FUND DEPOT MARKING CAPABILITY FOR SOF-P ASSET MARKING AND REGISTRATION				
FUND MARKING OF LEGACY ASSETS AT THE OEM				
FUND REQUIRED ENGINEERING AND TECHNICAL UPDATES				
FUND IDENTIFICATION OF MARKING METHODS				
TOTAL	\$10,367,000	\$10,399,000	\$10,432,000	



OUT REACH EFFORTS

- **LIFE CYCLE SUSTAINMENT MANAGEMENT**

- Positive discussions with NSWC CRANE as Life Cycle Sustainment Manager of SOF weapons to establish UID Marking Lab
- Implementation of Arms room automation

BOTTOM LINE -

***USSOCOM CONTINUES ATTEMPTS TO MEET THE UID MANDATE
MARK AND REGISTER DOD SERIALY MANAGED ITEMS***



USSOCOM IUID PROGRAM PLAN STATUS

Current as of Jun 08	PEO – Fixed Wing	PEO – Rotary Wing	PEO – SOF Warrior	PEO – Intelligence & Information Systems	PEO – Naval Systems	PEO – Special Programs	MISC Plans
Programs	Gunship, Combat Talon, Combat Shadow, EC-130J Commando Solo, UAV System	Chinook, Little Bird, Blackhawk, Platform MOD Programs	Weapons, Survival Equipment, Ground Mobility Vehicles	Comm Systems, C4 Systems, Psych Ops Broadcast System	Patrol Boat, NSW RIB, Seal Delivery System, Special Operations Riverine Craft, UBA	Classified Systems	FAMCART, Joint Operations Stock (JOS), EPS, PIPC, Simulators
Total # Program Plans Required	7	7	12	25	14	13	5
# of New Identified Plans	0	2	0	3	0	0	5
# Acq Programs 100% Compliant	0	0	3	0	2	8	1
% Acq Programs 100% Compliant	0%	0%	25%	0%	13.3%	61.5%	20%

BOTTOM LINE – USSOCOM HAS 83 IUID PROGRAM PLANS THAT COVER 168 ACQ PROGRAM PROJECTS, AND TECHNOLOGY PROJECTS WITH 14 IUID PLANS COMPLETED



USSOCOM LEGACY CONTRACT COMPLIANCE METRIC

OFFICE	IUID CLAUSE REQUIRED	IUID CLAUSE INCLUDED	PERCENTAGE COMPLETED
NSWG1	5	0	0%
NSWG2	31	26	83%
NSWG4	16	16	100%
NSWDG	9	1	11%
SOAL-K	111	100	90%
TAKO	84	61	72%
USASOC	9	5	55%

Oct 04-Jul 08

BOTTOM LINE

USSOCOM MUST CONTINUE TO WORK WITH COMPONENT COMMANDERS TO ENSURE LEGACY CONTRACTS ARE MODIFIED WITH DFARS CLA



Defense Logistics Agency

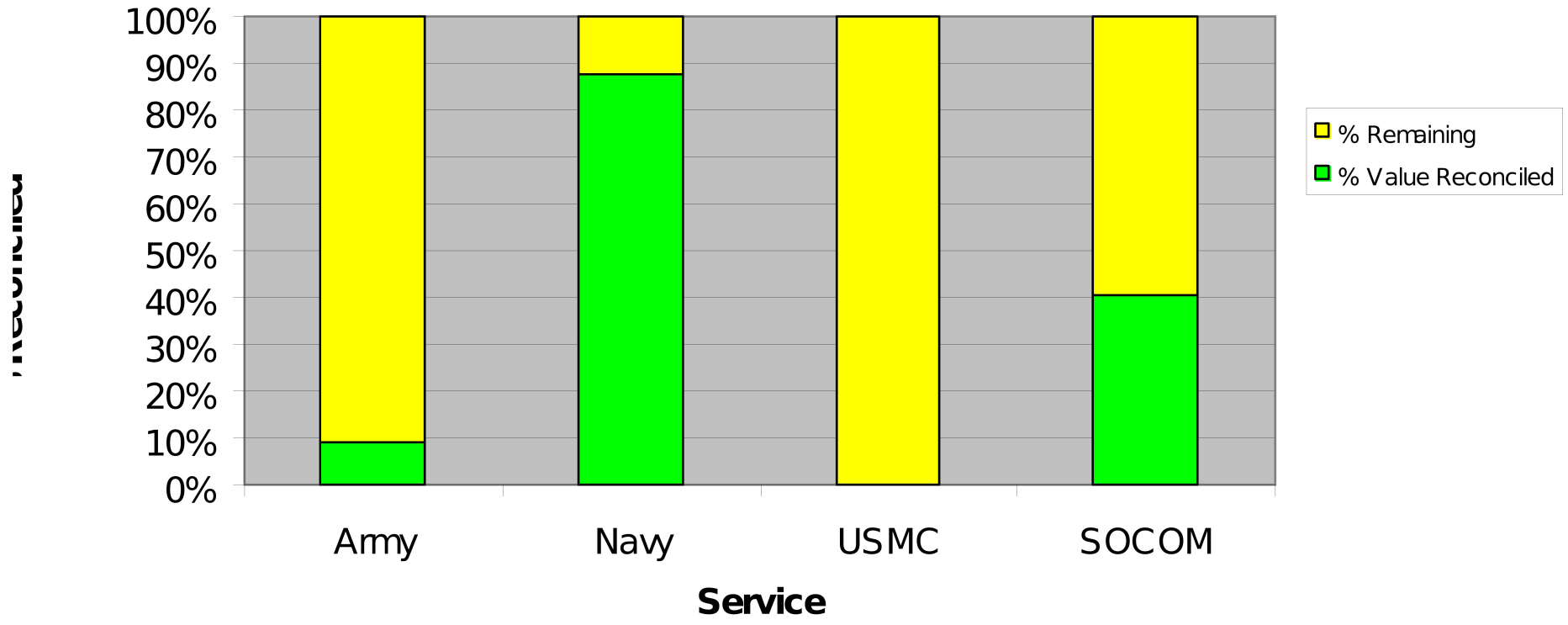
IUID Scorecard Update



Component Level IUID Metrics



% of ME Values Established in the IUID Registry





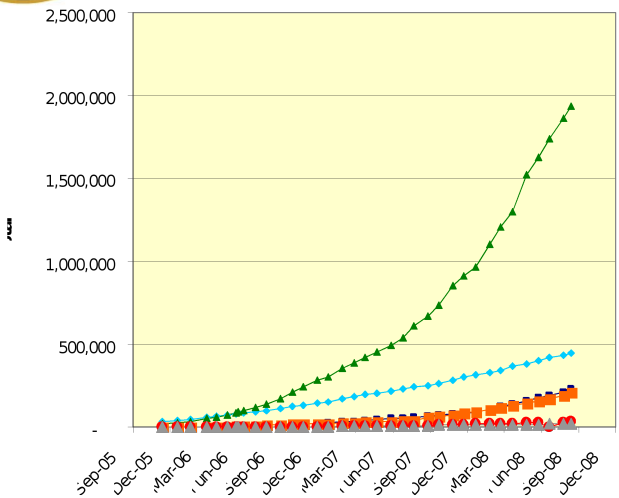
IUID Program Growth Trends

(Total Expected UII Population = 97M from Current Population = 4.1 M)

New UII Growth by Contracting Component

UIIs in Registry (New Items)

as of 27 Aug 2008

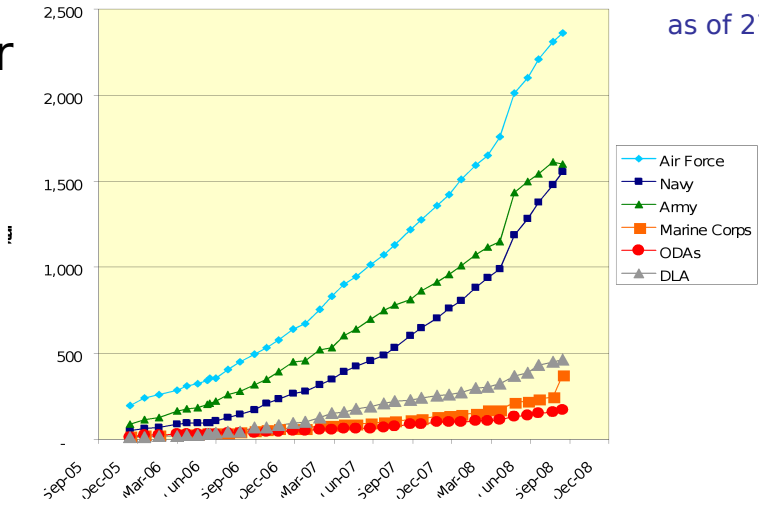


This Quarter

New UII Contracts - Growth by Component

Contracts in Registry

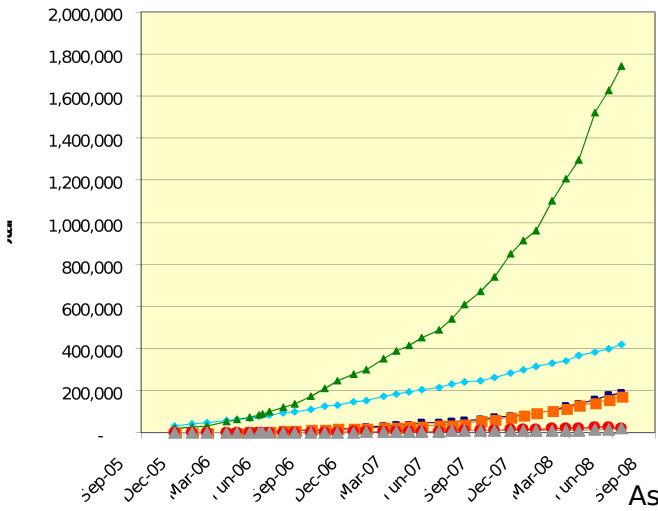
as of 27 Aug



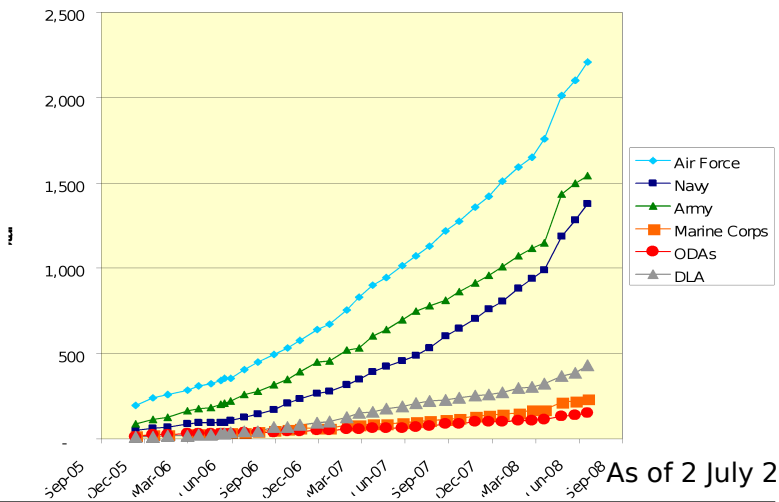
UIIs in Registry (New Items)

Last Quarter

Contracts in Registry



As of 2 July 2008



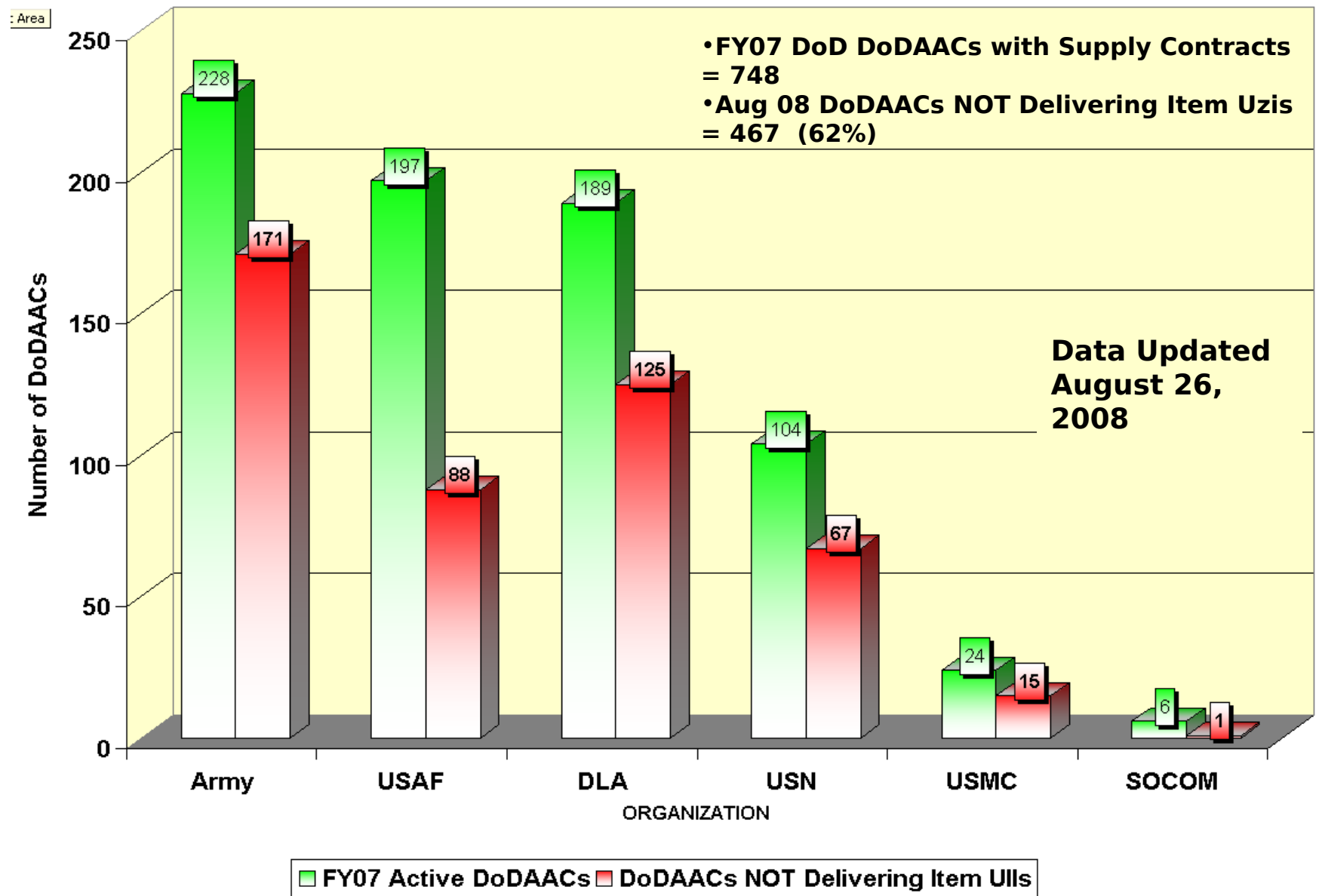
As of 2 July 2008

Bottom Line

Growth Trend Continues to Increase in Number and Rate

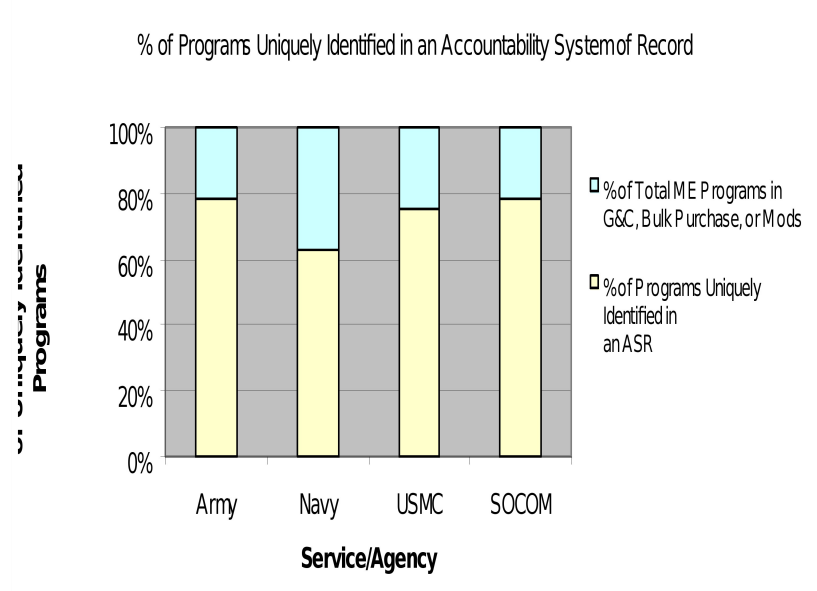
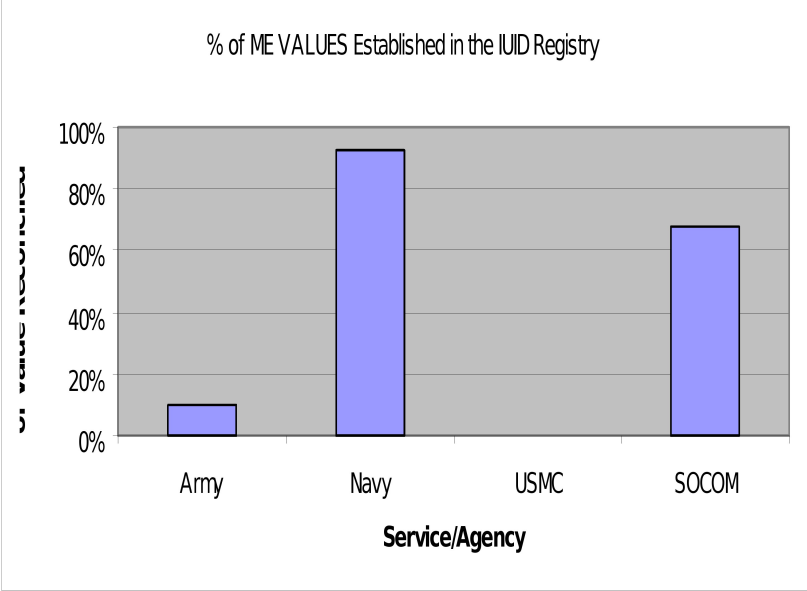
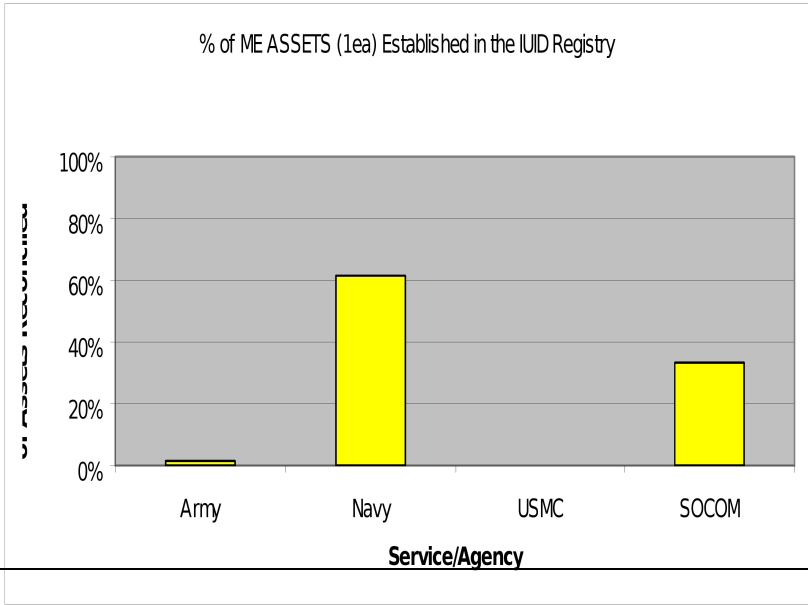
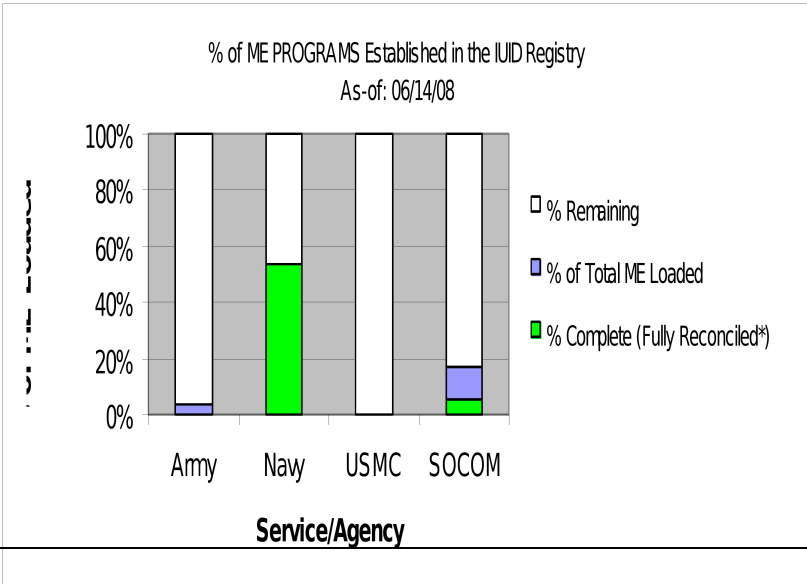


Potential Delinquent DoDAACs (IUID Procurement Policy Deployment)





Military Equipment Valuation





National Level Traceability

- **The highest level of organized DoD information traceability**
 - Serially managed items
 - Reparables
 - Major End Items
 - Assets managed at bulk level
 - Nuclear materials
- **Traceability Criticality Levels (TCLs - 0,1,2,3)**
 - Degree to which property will be traced
 - TCL 0 = lowest; TCL 3 = highest
 - Characterized by five factors:
 1. Visibility Reporting Level
 2. Degree of visibility
 3. Material Classification
 4. Traceability Events
 5. Traceability Purposes



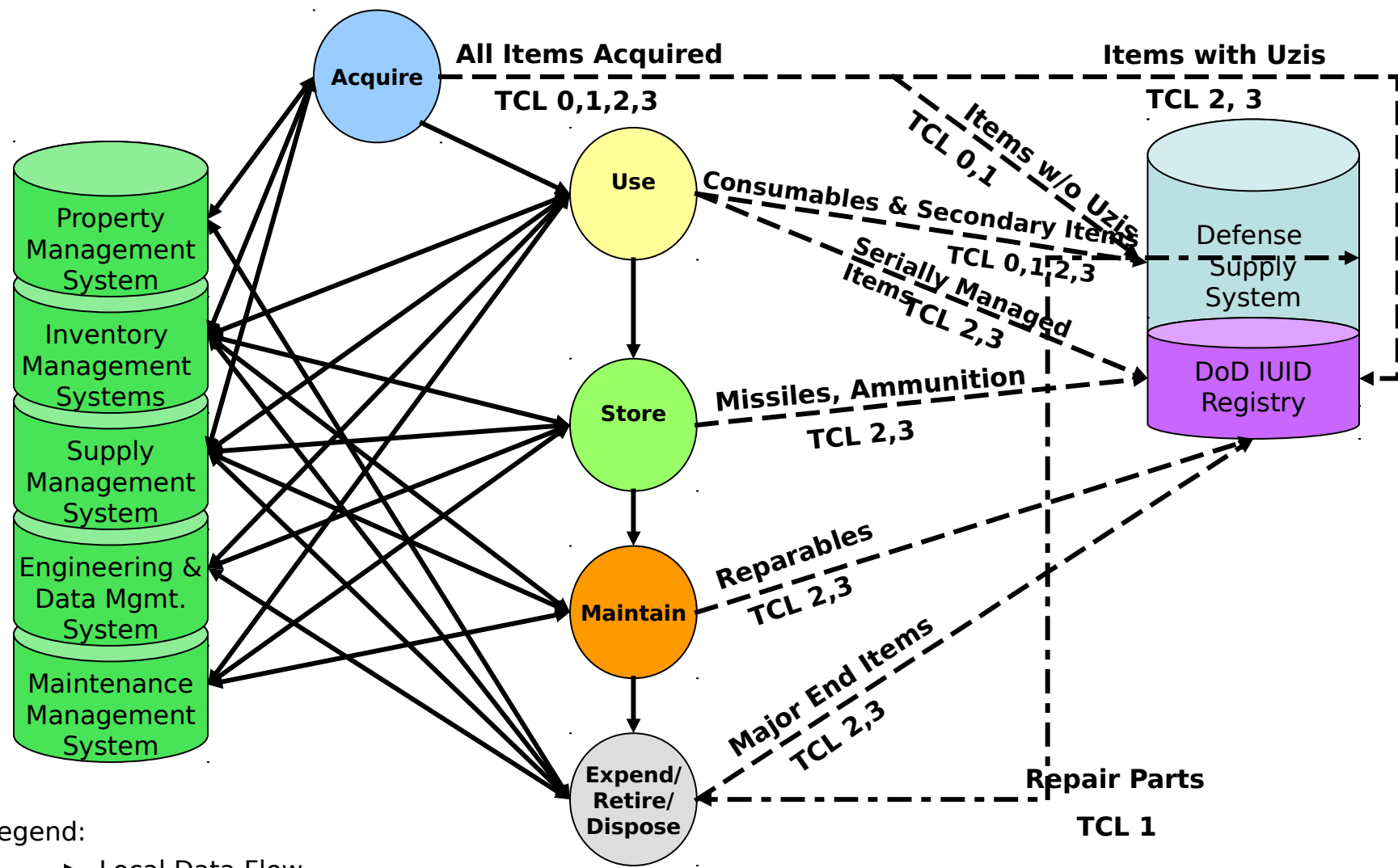
Traceability Matrix for Asset Visibility

Visibility Reporting	TCL	Degree of Visibility	Applies to Materiel Classification:	Traceability Events	Traceability Purpose
Accountable Property Officer at DODAAC/UI C Level (Retail Level)	0	✓ By Quantity by Case, Weight or Volume	<ul style="list-style-type: none">➢ Class II - Clothing, Expendable Individual Equipment, Consumable Admin and Housekeeping Supplies➢ Class I - Subsistence➢ Class III - Bulk Fuels, Chemicals & Coal➢ Class IV - Fortification and Barrier Materials➢ Class VIII - Consumable Medical Supplies	<input type="checkbox"/> Acquisition <input type="checkbox"/> Usage	<ul style="list-style-type: none">❖ Stewardship Responsibility❖ Property Management
	1	✓ By Quantity by Each or Case	<ul style="list-style-type: none">➢ Class II - Non-Expendable Individual Equipment; Sets, Kits and Outfits; Pilferable Items w/o Uzis Assigned➢ Class III - Packaged Petroleum Products➢ Class IX - Repair Parts and Components w/o Uzis assigned	<input type="checkbox"/> Acquisition <input type="checkbox"/> Usage <input type="checkbox"/> Disposal	<ul style="list-style-type: none">❖ Stewardship Responsibility❖ Property Management
Accountable Property Officer at DODAAC/UI C Level (Retail Level) and at National Level (Distribution Centers Maintenance Depots Contractor Plants)	2	✓ By Each by Serial Number	<ul style="list-style-type: none">➢ Class II - Pilferable Items with Uzis Assigned➢ Class IV - Installed Equipment➢ Class VII - Major End Items➢ Class VIII - Medical Capital Equipment, Medical Non-Capital Equipment with Uzis Assigned, including Medical-Peculiar Repair Parts➢ Class IX: Repair Parts and Components including Kits, Assemblies and Subassemblies with Uzis assigned, including Government Furnished Material➢ Capital Equipment - Property in the Possession of Contractors (PIPC)	<input type="checkbox"/> Acquisition <input type="checkbox"/> Storage <input type="checkbox"/> Usage <input type="checkbox"/> Maintenance <input type="checkbox"/> Retirement <input type="checkbox"/> Disposal	<ul style="list-style-type: none">❖ Stewardship Responsibility❖ Property Management❖ Failure Analysis❖ Safety Assurance❖ Maintenance History❖ Operational Use History❖ Warranty Compliance❖ Military Equipment Valuation
	3	✓ By Quantity by Each by Lot, or ✓ By Each by Serial Number	<ul style="list-style-type: none">➢ Class V - Ammunition of all types (including Chemical, Biological, Radiological, and Special Weapons), Bombs, Explosives, Mines, Fuses, Detonators, Pyrotechnics, Missiles, Rockets, Propellants, and other Associated Items➢ Class VII - Small Arms, Cryptographic Equipment➢ Class VIII - Medical Capital Equipment	<input type="checkbox"/> Acquisition <input type="checkbox"/> Storage <input type="checkbox"/> Usage <input type="checkbox"/> Maintenance <input type="checkbox"/> Disposal	<ul style="list-style-type: none">❖ Stewardship Responsibility❖ Property Management❖ Failure Analysis❖ Safety Assurance❖ Maintenance History❖ Operational Use History❖ Warranty Compliance❖ Military Equipment Valuation

Legend: TCL - Traceability Criticality Level
DODAAC - Department of Defense Activity Address
UIC - Unit Identification Code
24/7 - Twenty-four Hours a Day, Seven Days a Week
UII - Unique Item Identifier



Notional Traceability Event Data Flows



Legend:
→ Local Data Flow
--> National Data Flow